

Replacement Sheet

	1264		1274		1284		1294	
gp120 423-432	CAAATTATAAACATGTGGCAGAAAGTAGGAAAA	SEQ	ID NO:	1				
rv_85283	CAAATTAAAACTTTTAAAGAAAGTAGGAAAA	SEQ	ID NO:	3				

Figure 2

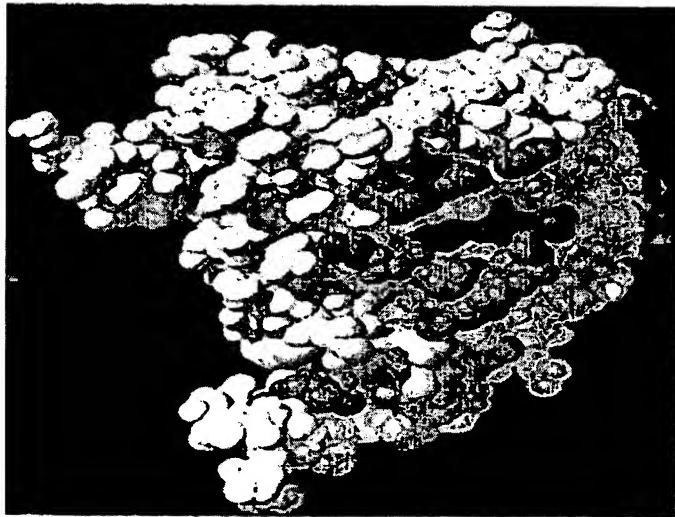


Figure 5A

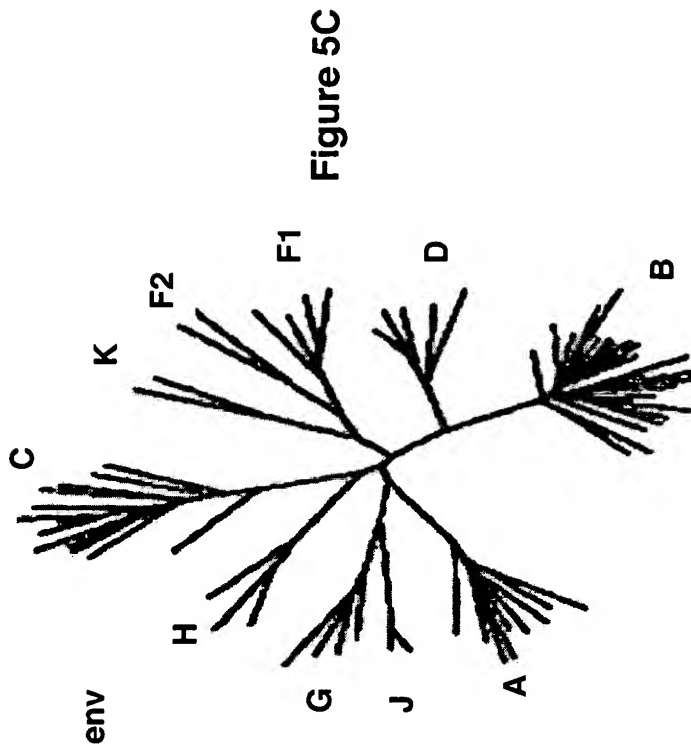


Figure 5C

NAME	SEQUENCE	SEQ ID	NAME	SEQUENCE	SEQ ID
9p120 (421-436)	KQIINM-WQR-VGKAMY	48	G.BE.DRBCL	KQIINM-WQR-VGKAMY	59
A.GB.MA245	KQIINM-WQR-VGKAMY	49	H.BE.VI991	KQIINM-WQR-VGKAMY	60
A.GB.MC108	KQIINM-WQR-VGKAMY	50	J.SE.SE9173	KQIINM-WQR-VGKAMY	61
B.AU.MBC18	KQIINM-WQR-VGKAMY	51	K.CD.EQTB11C	KQIINM-WQR-VGKAMY	62
B.AU.MBC200	KQIINM-WQR-VGKAMY	52	N.CM.YBF30	KQIINM-WQR-VGKAMY	63
C.BI.BU910112	KQIINM-WQR-VGKAMY	53	O.CMANT70C	KQIINM-WQR-VGKAMY	64
C.BI.BU910316	KQIINM-WQR-VGKAMY	54			
D.CD.84ZR085	KQIINM-WQR-VGKAMY	55			
D.CD.JY1	KQIINM-WQR-VGKAMY	56			
F.BR.BZ126A	KQIINM-WQR-VGKAMY	57			
F1.BE.VI850	KQIINM-WQR-VGKAMY	58			

Figure 5B

Replacement Sheet

scFv JL413 VL domain

1 ASP VAL VAL MET THR GLN SER PRO SER SER VAL SER ALA SER VAL GLY ASP ARG VAL THR
 21 ILE THR CYS ARG ALA SER GLN GLY ILE GLY ASN TRP LEU ALA TRP TYR GLN GLN LYS PRO
 41 GLY LYS ALA HIS ASN LEU LEU ILE TYR GLY ALA SER SER LEU GLN SER GLY VAL PRO SER
 61 ARG PHE SER GLY SER GLY SER GLY THR ASP PHE THR LEU THR ILE SER SER LEU GLN PRO
 81 GLU ASP SER ALA THR TYR TYR CYS GLN GLN ALA LEU VAL GLY THR PHE GLY GLY GLY THR
 101 LYS VAL GLU ILE LYS ARG SEQ ID NO: 46

scFv JL413 VL domain

1 GLN VAL ASN LEU ARG GLU SER GLY PRO GLY LEU VAL LYS PRO SER GLU THR LEU SER LEU
 21 THR CYS THR VAL SER GLY GLY PHE ILE SER SER TYR TYR TRP SER TRP ILE ARG GLN PRO
 41 PRO GLY LYS GLY LEU GLU TRP VAL SER TYR ILE GLY ARG SER GLY SER HIS THR ASN TYR
 61 PRO SER LEU LYS SER ARG VAL THR ILE SER VAL ASP THR SER LYS ASN GLN PHE SER LEU
 81 LYS LEU SER SER VAL THR ALA ALA ASP THR ALA MET TYR CYS TYR CYS TRP GLY GLN GLY
 101 THR LEU VAL THR VAL SER SER SEQ ID NO: 47

Figure 10A

Replacement Sheet

scFv JL427 VL domain

1 GLN SER VAL LEU THR GLN PRO PRO SER VAL SER GLY ALA PRO GLY GLN ARG VAL THR ILE 60
 21 CDR1
 SER CYS SER GLY SER SER ASN PHE GLY LEU ASN TYR VAL TYR TRP TYR GLN HIS PHE
 41
 PRO GLY THR ALA PRO LYS LEU LEU ILE TYR ARG ASN ASP GLN ARG PRO LEU GLY VAL PRO
 81
 ALA ARG PHE SER GLY SER LYS SER GLY THR SER ALA SER LEU ALA ILE SER GLY LEU ARG
 101
 SER GLU ASP GLU ALA ASP TYR TYR CYS GLN SER TYR ASP ASN SER LEU SER GLY TRP VAL
 121
 PHE GLY GLY TYR GLN LEU TYR VAL LEU GLY SEQ ID NO: 44

scFv JL427 VL domain

1 GLN VAL GLN LEU GLN GLN SER GLY GLY GLY LEU VAL GLN PRO GLY ARG SER LEU ARG LEU 60
 41
 SER CYS ALA ALA SER GLY PHE THR PHE SER SER TYR GLY MET HIS TRP VAL ARG GLN ALA
 61
 PRO GLY LYS GLY LEU GLU TRP VAL SER TYR ILE GLY ARG SER GLY SER HIS THR ASN TYR
 81
 ALA ASP SER VAL LYS GLY ARG PHE THR ILE SER ARG ASP ASN SER LYS ASN THR LEU TYR
 101
 LEU GLN ILE ASN SER LEU ARG ALA GLU ASP THR ALA VAL TYR TYR CYS ALA ARG GLY LEU
 121
 PRO ASN TYR GLY MET ASP ILE TRP GLY GLN GLY THR THR VAL SER SER SEQ ID NO: 45

Figure 10B

Replacement Sheet

Light chain SK18 VL domain

1 ASP ILE GLN MET THR GLN SER PRO SER SER LEU SER ALA SER VAL GLY ASP ARG VAL THR
21 VAL THR CYS ARG ALA SER GLN SER ILE SER SER TYR LEU ASN TRP TYR GLN GLN GLN PRO
41 GLY LYS ALA PRO LYS LEU LEU ILE TYR ALA ALA SER SER LEU GLN SER GLY VAL PRO SER
61 ARG PHE SER GLY SER GLY SER GLY THR ASP PHE THR LEU THR ILE SER SER LEU GLN PRO
81 GLU ASP PHE ALA THR RYR PHE CYS GLN GLN SER TYR SER ILE PRO ARG THR PHE GLY GLN
101 GLY THR LYS VAL GLU ILE LYS SEQ ID NO: 43

Figure 10C